NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

School of Physical and Mathematical Sciences
College of Science

# 8TH Asian Network for Natural & Unnatural Materials

## Friday, 16 July 2021

**12** speakers

**9** countries

**LOCAL TIMES**

**Richland**
19.30* – 24.00*

**Purdue, Tampa**
22.30* - 3.00

**India**
8.00-12.30

**Thailand**
9.30-14.00

**Singapore, Malaysia, Taiwan**
10.30-15.00

**Japan**
11.30-16.00

**Sydney, Melbourne**
12.30-17.00

**previous day: 15th July*

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**THA 9:30** — **Inaugural Session - David St Clair Black**
University of New South Wales, Australia

### Technical Session 1 - Chairperson: H. Mohindra Chawla
IIT Delhi, India

**THA 9:40 – 11:00** (20 min each)

**Radha Kishan Motkuri**
Pacific Northwest National Laboratory, USA
*Engineering Nonporous Materials for PFAS Adsorption, Sensing, and Remediation*

**Amol D. Sonawane**
Purdue University, USA
*Iron-Promoted Intramolecular Cascade Cyclization for the Synthesis of Selenophene-fused, Quinoline-based Heteroacenes*

**Drasko Vidovic**
Monash University
*Site-selective deuteration of polyunsaturated fatty acids*

**Lim Seng Joe**
Universiti Kebangsaan Malaysia, MALAYSIA
*Edible Bird's Nest: A novel Glycoprotein Source*

### Technical Session II - Chairperson: Roderick Bates
Nanyang Technological University, Singapore

**THA 11:00 – 12:20** (20 min each)

**Mihaiela Stuparu**
NTU, Singapore
*Mechanochemical Synthesis of Corannulene Derivatives*

**Chanatip Samart**
Thammasat University, Thailand
*Green carbon science through valorization biomass waste to energy storage application*

**Menaka Jha**
INST, Mohali, India
*Extraction of nanostructured materials from waste natural products.*

**Ved Prakash Singh**
Mizoram University, India
*Drug design, synthesis and study of supramolecular self-assembly of pyridone and dihydropyridone*

**THA 12.20 – 12:30** — **Refreshment time**

### Technical Session III - Chairperson: Naresh Kumar
University of New South Wales, Australia

**THA 12:30 – 13:50** (20 min each)

**Albert Fahrenbach**
School of Chemistry, UNSW Sydney
*A Radiation-Driven Reaction Network that Generates RNA Precursors*

**Ramesh Kataria**
Panjab University, Chandigarh, India
*Functionalized gold nanoparticles as versatile sensing materials for heavy metal ions*

**Yun Yee Low**
University of Malaya, Malaysia
*Transformations of Leuconolam, Structure Revision of epi-Leuconolam, and Partial syntheses of Several Leuconoxine-type Alkaloids*

**Rashim Bawa**
University of Delhi, Delhi
*Isatin-Triazole Functionalized Rhodamine as a fluorimetric and a colorimetric sensor for Cu2+ and Fe3+ and Its Interaction Studies With Bovine Serum Albumin and Human Hemoglobin*

**THA 13:50 – 14:00** — **Concluding Remarks - Surinder Mehta**
Panjab University, Chandigarh, India